



Institute of Transport Studies (Monash)
The Australian Research Council Key Centre in Transport Management

**Institute of Transport Studies, Monash
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World Transit Research**

World Transit Research Newsletter

2015

World Transit Research March 2015 Newsletter

Institute of Transport Studies Monash University

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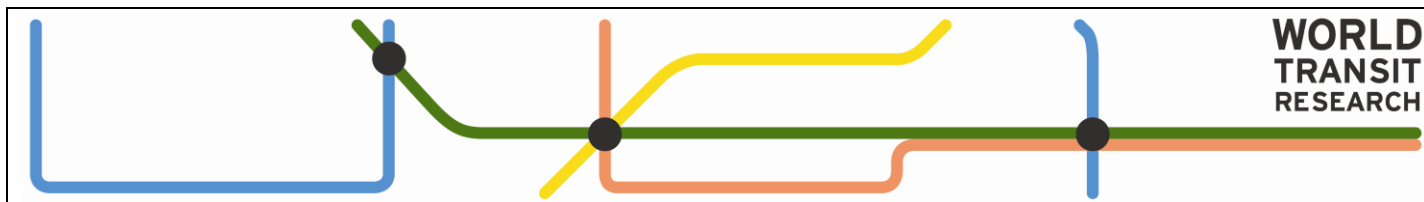
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MONASH University



World Transit Research

March 2015 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the WORLD TRANSIT RESEARCH (WTR) clearinghouse newsletter. This newsletter, which is published bi-monthly, summarises new research published in the field which has been added to the World Transit Research clearinghouse research database.

WTR is now used by public transport researchers in over 7,000 cities and towns in 170 countries worldwide.

BACKGROUND

World Transit Research (WTR) is designed to help public transport practitioners and researchers get easier access to quality research in the field of public transport planning. WTR is a free repository of research papers, reports, research abstracts and links to research findings from leading research journals indexed and searchable to ensure easier access to topics of interest. The site is developed and run by the [Public Transport Research Group](#) at the Institute of Transport Studies, Monash University. The clearinghouse performs the following functions:

- Search/Find – The database is searchable on key words and also via a list of subject areas
- Newsletter Subscription – Those accessing the website can enrol in a free email newsletter. This broadcasts new publications in the field every 2 months
- Links – links to relevant associated sites are provided
- Submit Research – Researchers can use the website to suggest items for inclusion in the database. Copyright requirements are described.

NEWSLETTER

Your recommendation can help grow our number of subscribers. Do you know someone interested in public transport research that would like to receive this newsletter? Ask them to go to <http://www.worldtransitresearch.info/> and enter their email address in the box provided under Newsletter.

NEW ADDITIONS

World Transit Research clearinghouse now includes some 5,461 research reports/papers. Some 58 published papers have been added. The new ones are listed in the attached table. In addition new journals and relevant papers are also occasionally added from previous publication records.

CONTRIBUTE YOUR RESEARCH AND INCREASE YOUR CITATIONS

Should you have any relevant papers that you think should be included in this repository, please log on to www.worldtransitresearch.info and click on the Submit Research icon. The WTR Clearinghouse is a very effective tool to increase author citations of research since it acts to publicise your research to those interested in this field.

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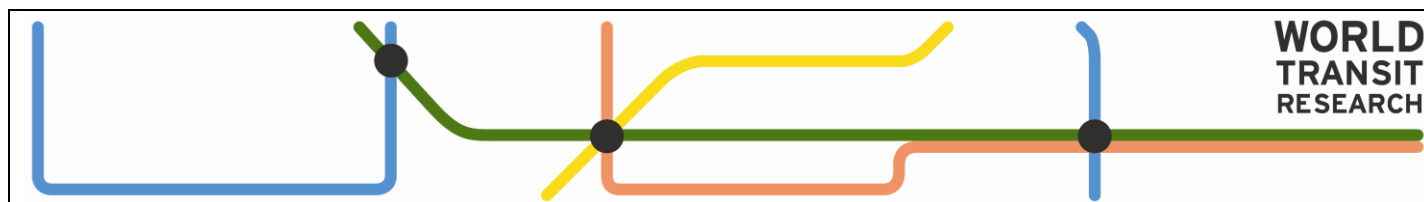
JOURNAL SUBSCRIPTIONS

Articles on the following two pages denoted with an asterisk * are from Journals that require a subscription to view the full article.

SUGGESTIONS WELCOMED

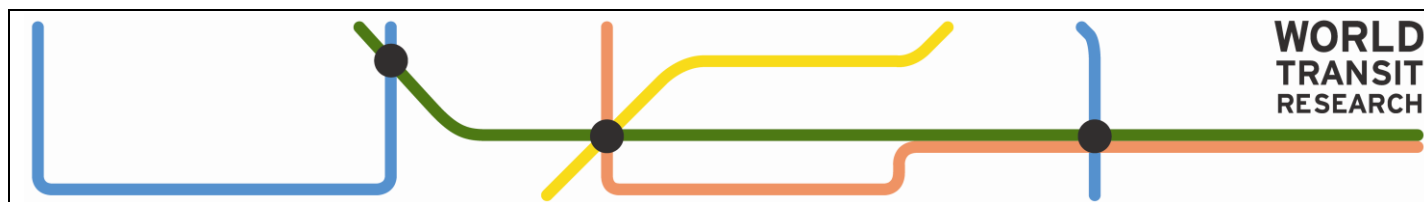
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: enquiries@worldtransitresearch.info

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WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
I Tasic, X Zhou, M Zlatkovic	Use of Spatiotemporal Constraints to Quantify Transit Accessibility Case Study of Potential Transit-Oriented Development in West Valley City, Utah*	2014
C Liu, Y O Susilo, A Karlström	The influence of weather characteristics variability on individual's travel mode choice in different seasons and regions in Sweden*	2015
J Hu, B B Park, Y Lee	Coordinated transit signal priority supporting transit progression under Connected Vehicle Technology*	2015
E A Haddad, G J D Hewings, A A Porsse, E S Van Leeuwen, R S Vieira	The underground economy: Tracking the higher-order economic impacts of the São Paulo Subway System*	2015
Y Wu, J Tang, Y Yu, Z Pan	A stochastic optimization model for transit network timetable design to mitigate the randomness of traveling time by adding slack time*	2015
N Marković, R Nair, P Schonfeld, E Miller-Hooks, M Mohebbi	Optimizing dial-a-ride services in Maryland: Benefits of computerized routing and scheduling*	2015
J Chen, M Gan	A Review of Latent Variable on Urban Travel Behavior*	2014
K L Young, M G Lenné, V Beanland, P M Salmon, N A Stanton	Where do novice and experienced drivers direct their attention on approach to urban rail level crossings?*	2015
M Wardman, R Batley	Travel time reliability: a review of late time valuations, elasticities and demand impacts in the passenger rail market in Great Britain*	2014
M Paulssen, D Temme, A Vij, J L Walker	Values, attitudes and travel behavior: a hierarchical latent variable mixed logit model of travel mode choice*	2014
Z Dong, P L Mokhtarian, G Circella, J R Allison	The estimation of changes in rail ridership through an onboard survey: did free Wi-Fi make a difference to Amtrak's Capitol Corridor service?*	2015
L Schmitt, G Currie, A Delbosc	Lost in transit? Unfamiliar public transport travel explored using a journey planner web survey*	2015
D A Hensher, C Mulley	Modal image: candidate drivers of preference differences for BRT and LRT*	2015
S Anantsuksomsri, N Tontisirin	The Impacts of Mass Transit Improvements on Residential Land Development Values: Evidence from the Bangkok Metropolitan Region*	2015
C Frei, H S Mahmassani, A Frei	Making time count: Traveler activity engagement on urban transit*	2015
A Ceder, M Butcher, L Wang	Optimization of bus stop placement for routes on uneven topography*	2015
M Rios, V Marianov, M Pérez	Locating fixed roadside units in a bus transport network for maximum communications probability*	2015
L Sun, Y Lu, J G Jin, D Lee, K W Axhausen	An integrated Bayesian approach for passenger flow assignment in metro networks*	2015
R Risser, E M Lexell, D Bell, S Iwarsson, A Ståhl	Use of local public transport among people with cognitive impairments – A literature review*	2015
S Chowdhury, A Ceder, B Schwalger	The effects of travel time and cost savings on commuters' decision to travel on public transport routes involving transfers*	2015
A M Ricciardi, J Xia, G Currie	Exploring public transport equity between separate disadvantaged cohorts: a case study in Perth, Australia*	2015
G S Larue, A Rakotonirainy, N L Haworth, M Darvell	Assessing driver acceptance of Intelligent Transport Systems in the context of railway level crossings*	2015
T Liu, A Ceder	Analysis of a new public-transport-service concept: Customized bus in China*	2015
A Reggiani, P Nijkamp, D Lanzi	Transport resilience and vulnerability: The role of connectivity*	2015
J De Vos, T Schwanen, V Van Acker, F Witlox	How satisfying is the Scale for Travel Satisfaction?*	2015
R Hrelja	Integrating transport and land-use planning? How steering cultures in local authorities affect implementation of integrated public transport and land-use planning*	2015
W Chow, D Block-Schachter, S Hickey	Impacts of Real-Time Passenger Information Signs in Rail Stations at the Massachusetts Bay Transportation Authority*	2015
G Currie, M Burke, A Delbosc	Performance of Australian Light Rail and Comparison with U. S. Trends*	2015
S Saidi, S C Wirasinghe, L Kattan	Rail Transit Exploration with Emphasis on Networks with Ring Lines*	2015
T O'Malley, M Vaishnav	Is This Seat Taken? Multifaceted Research Study to Inform the Chicago, Illinois, Transit Authority's Future Rail Car Seating Design*	2015



J G Allen, H S Levinson	Accommodation of Long-Term Growth on North America's Commuter Railroads*	2015
M A Jaroszynski, J R Brown	Do Light Rail Transit Planning Decisions Affect Metropolitan Transit Performance? Examination of Eight U. S. Metropolitan Areas with Light Rail Transit Backbones*	2015
M Novalés, M Teixeira, L Fontaine	Light Rail Transit Urban Insertion and Safety European Experience*	2015
J Engel-Yan, M Rudra, C Livett, R Nagorsky	Strategic Station Access Planning for Commuter Rail Balancing Park-and-Ride with Other Modes*	2015
M S Mahmoud, K N Habib, A Shalaby	Park-and-Ride Access Station Choice Model for Cross-Regional Commuting: Case Study of Greater Toronto and Hamilton Area, Canada*	2015
B J Flamm, C R Rivasplata	Public Transit Catchment Areas The Curious Case of Cycle-Transit Users*	2015
L C Truong, W E Marshall	Are Park-and-Rides Saving the Environment or Just Saving Parking Costs? Case Study of Denver, Colorado, Light Rail System*	2015
B Pender, G Currie, A Delbosc, N Shiwakoti	International Study of Current and Potential Social Media Applications in Unplanned Passenger Rail Disruptions*	2015
S Seriani, R Fernandez	Pedestrian traffic management of boarding and alighting in metro stations*	2015
O Cats, E Jenelius	Planning for the unexpected: The value of reserve capacity for public transport network robustness*	2015
C Brakewood, G S Macfarlane, K Watkins	The impact of real-time information on bus ridership in New York City*	2015
L Creemers, H Tormans, T Bellemans, D Janssens, G Wets, M Cools	Knowledge of the concept Light Rail Transit: Exploring its relevance and identification of the determinants of various knowledge levels*	2015
Y Yu, R B Machemehl, C Xie	Demand-responsive transit circulator service network design*	2015
Z Bi, L Song, R De Kleine, C C Mi, G A Keoleian	Plug-in vs. wireless charging: Life cycle energy and greenhouse gas emissions for an electric bus system*	2015
N Waara, K Brundell-Freij, R Risser, A Ståhl	Feasible provision of targeted traveler information in public transportation: Segmentation based on functional limitations*	2015
R M González, E Martínez-Budría, J J Díaz-Hernández, A Esquivel	Explanatory factors of distorted perceptions of travel time in tram*	2015
C De Gruyter, G Rose, G Currie	Enhancing the impact of travel plans for new residential developments: Insights from implementation theory*	2015
G Weisbrod, C Duncan, S J Moses	Evolving Connection of Transit, Agglomeration, and Growth of High-Technology Business Clusters*	2015
D Salon, J Wu, S Shewmake	Impact of Bus Rapid Transit and Metro Rail on Property Values in Guangzhou, China*	2015
X Han, P Li, R Sikder, Z Qiu, A Kim	Development and Evaluation of Adaptive Transit Signal Priority Control with Updated Transit Delay Model*	2015
H Roberts, R Retting, T Webb, A Colleary, B Turner, X Wang, R Toussaint, G Simpson, C White	Improving Safety Culture in Public Transportation	2015
J M Reilly	Improving Bus Transit On-Time Performance through the Use of AVL Data	2014
I Wallis, J Ballantyne, A Lawrence, D Lupton	Economic benefits of park and ride	2014
C Evans, C Naude, J Teh, T Makwasha, U Ai	Updating Environmental Externalities Unit Values*	2014
Transportation Research Board	New IDEAs for Rail Safety: Annual Report of the Rail Safety IDEA Program	2015
Transportation Research Board	New IDEAS for Transit: Transit IDEA Program Annual Report	2015
G Murray, C Sullivan, J Goldman, B Whitaker, M Chase, A Reisman, N Whelan, T Spencer	Improving Transit Integration Among Multiple Providers, Volume II: Research Report	2015
J Goldman, G Murray, C Sullivan, B Whitaker, M Chase, A Reisman, N Whelan, T Spencer	Improving Transit Integration Among Multiple Providers, Volume I: Transit Integration Manual	2015

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